

# Notice of Allowability

Application No.

09/874,813

Examiner

Paula W. Klimach

Applicant(s)

MRAZ, RONALD

Art Unit

2135

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 01/03/06.
2. ☒ The allowed claim(s) is/are 1-3, 5-21, 23-40 and 42-56.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                   |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other _____   |

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### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wayne Bailey on 3/13/2006.

In the claims, please cancel claims 4, 22, and 41, and replace claims 1, 19, and 33:

1. A method of servicing secure transactions in a network, comprising:
  - establishing cryptographic parameters in a handshake engine;
  - servicing a transaction in a transaction server using unencrypted data;
  - utilizing an inline crypto engine and the cryptographic parameters established by the handshake engine to perform at least one of encryption associated with transmitted data and decryption associated with transmitted data, the inline crypto engine having capability for performing at least one of encryption and decryption of data;
  - wherein the establishing step includes handing off a network connection from the transaction server to the handshake engine such that the handshake engine can establish the cryptographic parameters with a client coupled to the network.
4. (cancelled)
19. A computer program product in at least one computer readable medium for servicing secure transactions in a network, comprising instructions for:
  - establishing cryptographic parameters in a handshake engine;
  - servicing a transaction in a transaction server using unencrypted data;
  - utilizing an inline crypto engine and the cryptographic parameters established by the handshake engine to perform at least one of encryption associated with transmitted data and decryption associated with transmitted data, the inline crypto engine having capability for performing at least one of encryption and decryption of data;
  - wherein the instructions for establishing include instructions for handing off a network connection from the transaction server to the handshake engine such that the handshake engine can establish the cryptographic parameters with a client coupled to the network.
22. (cancelled)

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38. A distributed data processing system for servicing secure transactions in a network, comprising:

at least one inline crypto engine in communication with the network, wherein the at least one inline crypto engine includes at least one processor for performing at least one of encryption and decryption of data;

at least one transaction server in communication with the at least one inline crypto engine, wherein the at least one transaction server includes at least one processor; and

at least one handshake engine in communication with the at least one transaction server and the at least one inline crypto engine, wherein the at least one handshake engine includes at least one processor,

wherein the at least one handshake engine establishes cryptographic parameters,

the transaction server services a transaction using unencrypted data, and the at least one inline crypto engine utilizes the cryptographic parameters established by the handshake engine to perform at least one of encryption associated with the transmitted data and decryption associated with transmitted data;

wherein establishing the cryptographic parameters includes handing off a network connection from the at least one transaction server to the at least one handshake engine such that the handshake engine can establish the cryptographic parameters with a client coupled to the network.

41. (cancelled)

The following is an examiner's statement of reasons for allowance:

Although Jardin discloses the cryptographic parameters being exchanged using a handshake engine and Matsumoto disclose an inline crypto engine that performs the functions of the secret computations on the behave of a client device, neither Jardin nor Matsumoto disclose handing off a network connection from the transaction server to the handshake engine.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paula W. Klimach whose telephone number is (571) 272-3854. The examiner can normally be reached on Mon to Thr 9:30 a.m to 5:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PWK  
Monday, March 20, 2006

  
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